

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE United States Patent and Trademark Office Address: COMMISSIONER FOR PATENTS P.O. Roy 1450 Alexandria, Vignia 22313-1450 www.unpto.gov

BIBDATASHEET

Bib Data Sheet

CONFIRMATION NO. 8682

SERIAL NUMBER 09/472,401	FILING DATE 12/27/1999 RULE	CLASS 375	GROUP ART U 2613	ם וואוכ	ATTORNEY OCKET NO. AMAP0689US	
APPLICANTS						
MASAHIRO SUEYOSHI, OSAKA, JAPAN;						
MASAHARU MATSUMOTO, OSAKA, JAPAN; KAZUTAKA ABE, OSAKA, JAPAN;KOUSUKE NISHIO, OSAKA, JAPAN; TAKASHI KATAYAMA, OSAKA, JAPAN; AKIHISA KAWAMURA, OSAKA, JAPAN; SHUJI MIYASAKA, OSAKA, JAPAN; TAKESHI FUJITA, OSAKA, JAPAN;						
** CONTINUING DATA **********************************						
** FOREIGN APPLICATIONS ************************************						
IF REQUIRED, FOREIGN FILING LICENSE GRANTED ** 02/07/2000						
Foreign Priority claimed 35 USC 119 (a-d) condition	— jes — no mera	STATE OR	SHEETS	TOTAL	INDEPENDENT	
Verified and	Allowance xaminer's Signature	COUNTRY	DRAWING 12	CLAIMS 24	CLAIMS 10	
ADDRESS NEIL A DUCHEZ RENNER OTTO BOISSELLE & SKLAR PLL 1621 EUCLID AVENUE NINETEENTH FLOOR CLEVELAND, OH 44115						
TITLE						
ENCODING DEVICE AND DECODING DEVICE						
			☐ All Fees			
	1.16 Fees (Filing)					